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Applicant: Filing Date:

Date Mailed: June 6, 2007

ACKNOWLEDGEMENT OF REQUEST

Notice of Allowance/Allowability Mailed

The request for a copy of the initialed PTO 1449, dated $\underline{OS - O7 - O7}$, has been received by the U.S. Patent and Trademark Office.

• Requested copy attached

Clerks Name

For the Office of Patent Publication

Rev.02/24/05

MODIFIED	PTO/SB/08	A & B	(06-03)

· '		MODIFICO / 10/30/00 A & B (00-03)	
Substitute for Form 1449 A & B/PTO	Complete if Known		
Shipmine in Land 142 is a second	Application Number	1522181	
INFORMATION DISCLOSURE	Confirmation Number	Not yet assigned	
STATEMENT BY APPLICANT	Filing Date	January 24, 2005	
	First Named Inventor	Akira YUKAWA	
(use as many sheets as necessary)	Art Unit	2821	
	Examiner Name	Angela M Lie	
Sheet 1 of 1	Attorney Docket Number	Q85896	

U.S. PATENT DOCUMENTS					
		Document Number			
Examiner Initials*	Cite No.1	Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
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FOREIGN PATENT DOCUMENTS								
Examiner Cite	Cite	Foreign Putent Document			Publication Date	Name of Patentee or		
Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Trunslation*	
AL		JP	2001-273569	Α	10/05/2001	SATO		
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	Cite No.	include name of the author (in CAPITAL LETTERS), little of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁴
9		Japanese Laid Open Utility Model Publication No. 7-29691	Cited in specification
		Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 95388/1987 (Laid-Open No. 3992/1989) (Tokyo Keiko Co., Ltd.), January 11, 1989, Full text	<u>I</u> SR
		Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 27490/1981 (Laid-Open No. 144188/1982), (Hitachi, Ltd.) September 10, 1982, Full Text	
	Examiner Initials*		Initials* No. 1 Journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. Japanese Laid Open Utility Model Publication No. 7-29691

Examiner Signature	St	<	Date Considered	01-07-2006
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^{*}EXAMINER: Initial if reference considered, whether or not clustion is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique cliation designation number (optional). ²See Kind Codes of USPTO Patent Documents of www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English Enguage Translation is attached.